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Reply to Office Action of Jan. 12, 2005

### Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

### Listing of Claims

1 (Currently Amended). A golf ball comprising:  
a core having a diameter of 1.5 inches to 1.56 inches; and  
a cover encompassing the core, the cover having a surface including at least eleven sets of dimples covering at least eighty-seven percent of the surface, each set of dimples differing from any other set of dimples in at least one of a dimple diameter, an entry radius and an entry angle;

wherein the golf ball has a lift coefficient greater than 0.19 at a Reynolds number of 70,000 and 2000 rpm, and a drag coefficient less than 0.230 at a Reynolds number of 180,000 and 3000 rpm.

2 (Original). The golf ball according to claim 1 wherein the at least eleven sets of dimples total at least 382 dimples.

3 (Original). The golf club according to claim 1 wherein the sets of dimples differ in dimple diameter, and at least one set of dimples includes a first dimple having a first entry radius and a second dimple having a second entry radius, the first entry radius differing from the second entry radius.

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4 (Original). The golf club according to claim 1 wherein the sets of dimples differ in dimple diameter, and at least one set of dimples includes a first dimple having a first entry angle and a second dimple having a second entry angle, the first entry angle differing from the second entry angle.

5 (Original). The golf club according to claim 1 wherein the sets of dimples differ in dimple diameter, and at least one set of dimples includes a first dimple having a first chord depth and a second dimple having a second chord depth, the first chord depth differing from the second chord depth.

6 (Original). The golf club according to claim 1 wherein the different dimple diameters range between 0.100 inch and 0.184 inch.

7 (Currently Amended). ~~The golf club according to claim 1 wherein~~

A golf ball comprising:

a core having a diameter of 1.5 inches to 1.56 inches; and

a cover encompassing the core, the cover having a surface including at least

eighteen sets of dimples covering at least eighty-seven percent of the surface, each set of

dimples differing from any other set of dimples differ in entry radius.

8 (Original). The golf ball according to claim 1 wherein the core is composed of a polybutadiene material and the cover is composed of an ionomer blend material.

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9 (Canceled).

10 (Original). The golf ball according to claim 1 wherein the cover has a thickness of 0.05 inch to 0.10 inch.

11 (Currently Amended). A golf ball comprising:

a core having a diameter of 1.5 inches to 1.56 inches; and

a cover encompassing the core, the cover having a surface including at least eleven sets of dimples covering at least eighty-seven percent of the surface, each set of dimples having a different dimple diameter than any other set of dimples, the dimple diameters ranging between 0.100 inch and 0.184 inch;

wherein the golf ball has a lift coefficient greater than 0.20 at a Reynolds number of 70,000 and 2000 rpm, and a drag coefficient less than 0.235 at a Reynolds number of 180,000 and 3000 rpm.

12 (Canceled).

13 (Original). The golf ball according to claim 11 wherein at least one set of dimples includes a first dimple having a first chord depth and a second dimple having a second chord depth, the first chord depth differing from the second chord depth.

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14 (Original). The golf ball according to claim 11 wherein at least one set of dimples includes a first dimple having a first entry angle and a second dimple having a second entry angle, the first entry angle differing from the second entry angle.

15 (Original). The golf ball according to claim 10 wherein at least one set of dimples includes a first dimple having a first entry radius and a second dimple having a second entry radius, the first entry radius differing from the second entry radius.